

PATENT ABSTRACTS OF JAPAN

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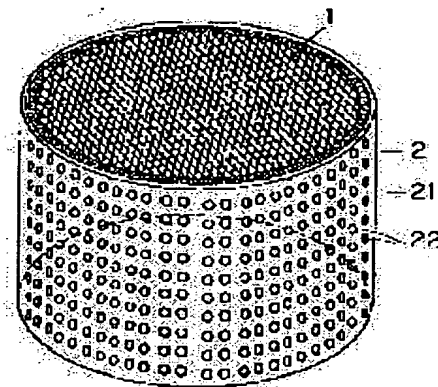
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(54) FILTER FOR INFLOATOR IN AIR BAG SYSTEM

(57)Abstract:

PURPOSE: To improve the filtering effect for catching the fine particle such as the powder dust of the exploded propellant, increase the shape keeping strength and facilitate the handling.

CONSTITUTION: A cylindrical multiple folded shaped metal screen is formed by repetitively folding back the end part in the lengthwise direction of a cylindrical metal screen in hosiery knitting, onto the outer peripheral surface of the cylinder. A filter is constituted of a cylindrical shaped metal screen body 1 which is formed by compressing the cylindrical multiple folded shaped metal screen, in the lengthwise direction. On the outer periphery of the shaped metal screen body 1, a protecting outer cylinder 2 having a number of small through holes 22 on a cylindrical wall 21 may be laminated.



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